

In the claims:

Please cancel claims 1-24 without prejudice and add new claims 25-35 as follows:

A  
CONT'D  
C1

25. (New) A method for the treatment of insulin dependent (type I) diabetes comprising administering to a prediabetic mammal, or a mammal having partial  $\beta$  cell destruction, a composition comprising a VLA-4 blocking agent, in an amount effective to treat diabetes.

D  
E  
M  
A  
N  
C2

26. (New) A method according to claim 25, wherein the VLA-4 blocking agent is selected from the group consisting of a soluble polypeptide and a small molecule capable of binding to VLA-4

27. (New) A method according to claim 26, wherein the soluble polypeptide is a fibronectin polypeptide.

D  
E  
M  
A  
N  
C2

28. (New) A method according to claim 27, wherein the fibronectin polypeptide comprises an EILDV motif.

29. (New) A method according to claim 26, wherein the small molecule is an oligosaccharide.

30. (New) A method according to claim 25, wherein the VLA-4 blocking agent is a chimeric antibody capable of binding VLA-4.

D  
E  
M  
A  
N  
C3

31. (New) A method according to claim 26, wherein the soluble peptide is a chimeric molecule.

32. (New) A method according to claim 31, wherein the chimeric molecule further comprises a toxin moiety.

33. (New) A method according to claim 25, wherein the mammal is prediabetic.

*A  
CONC'D  
Dw  
C3  
Cut*

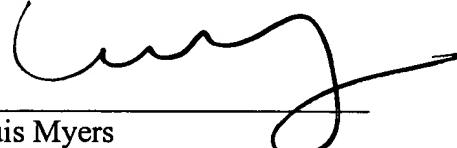
34. (New) A method according to claim 33, wherein the prediabetic mammal is a human.

35. (New) A method according to claim 25, wherein the mammal has partial  $\beta$  cell destruction.

### CONCLUSION

In view of the amendments set forth above, it is respectfully submitted that this application is in condition for allowance. If the Examiner believes that a telephone conversation with Applicant's Attorney would be helpful in expediting prosecution of this application, the Examiner is invited to call the undersigned at (617) 542-5070. We authorize the charging of any additional fees and crediting of any overpayment associated with this communication to our Deposit Account No. 06-1050.

Respectfully submitted,  
Fish & Richardson

  
Louis Myers  
Reg. No. 35,965  
Attorney for Applicant

PLM:LSB:mgd  
225 Franklin Street  
Boston, MA 02110-2804  
(617) 542-5070

Date: 20 Jun 99